

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Takahiro IMAI of Yamagata -ken, Japan

Serial No. Not assigned

Filed: September 12, 2003

For: Semiconductor Device and Method of Manufacturing the Same, Circuit Board, and Electronic Instrument

U.S. PTO
 10/661372
 09/12/03

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

- 10 sheet(s) of drawings (formal informal) is(are) enclosed.
- 36 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- An assignment of the invention to SEIKO EPSON CORPORATION is enclosed will follow.
- An associate power of attorney is enclosed will follow.
- Applicant claims small entity status. See 37 CFR 1.27.
- Declaration and Power of Attorney is enclosed will follow.
- A certified copy of Japanese Patent Application No. 2002-277454 filed September 24, 2002 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- IDS enclosed (with 1 reference(s)).
- Preliminary Amendment is enclosed.
- Application data sheet is enclosed. See 37 CFR 1.76.
- Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS	NO. OF CLAIMS OVER BASE	LG/SM ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	36	-20	LG=\$18 SM=\$9	\$18	288
B INDEPENDENT CLAIMS FEE*	2	-3	LG=\$84 SM=\$42	\$84	\$ 0
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)					288
D MULTIPLE-DEPENDENT CLAIMS FEE			LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
E BASIC FEE			LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375		\$ 750
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)					\$ 1038
G ASSIGNMENT RECORDATION FEE				\$ 40	\$ 40

*LIST INDEPENDENT CLAIMS 1 and 20.

- Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
- A check in the amount of \$ 0 to cover the filing fee is enclosed.
- A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. 1.16
- Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARRISON LLP.

By:

Anthony J. Oyer
Registration No. 41,232
Attorney for Applicant(s)

Date: September 12, 2003

500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071
Telephone: (213) 337-6700
Facsimile: (213) 337-6701

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Takahiro IMAI
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Art Unit: Not assigned
Examiner: Not assigned

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Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- patent application (36 page(s) of specification; 36 claim(s); 1 page(s) of abstract
- 10 sheet(s) of formal drawings
- certified copy of Japanese patent application No. 2002-277454 which was filed September 24, 2002 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 1 reference
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Date: September 12, 2003

Hogan & Hartson, LLP
500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Telephone: 213-337-6700
Facsimile: 213-337-6701

Roeshene Carbonilla
Name of person mailing papers

R.M. Carbonilla
Signature